

SMART CARD/TERMINAL CLIENT SERVER COMMUNICATIONS (PRIOR ART)

FIGURE 1A

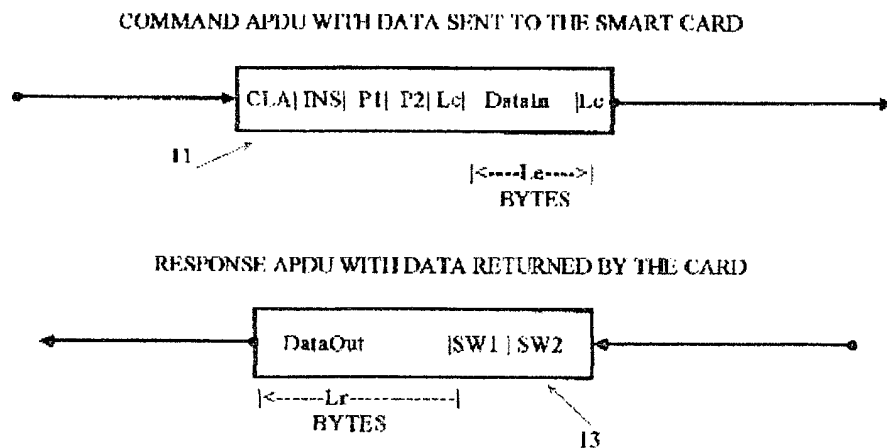
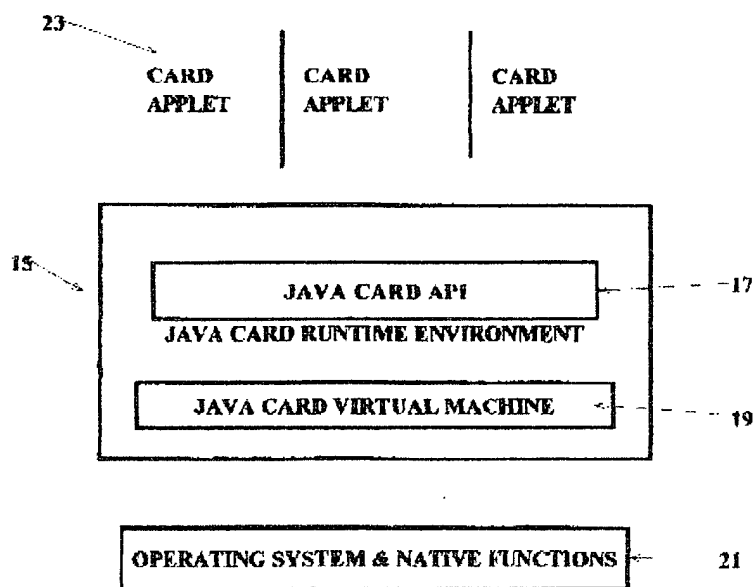
COMMAND & RESPONSE
APPLICATION PROTOCOL DATA UNITS (APDUS)
AS DEFINED IN ISO 7816-4 (PRIOR ART)

FIGURE 1B

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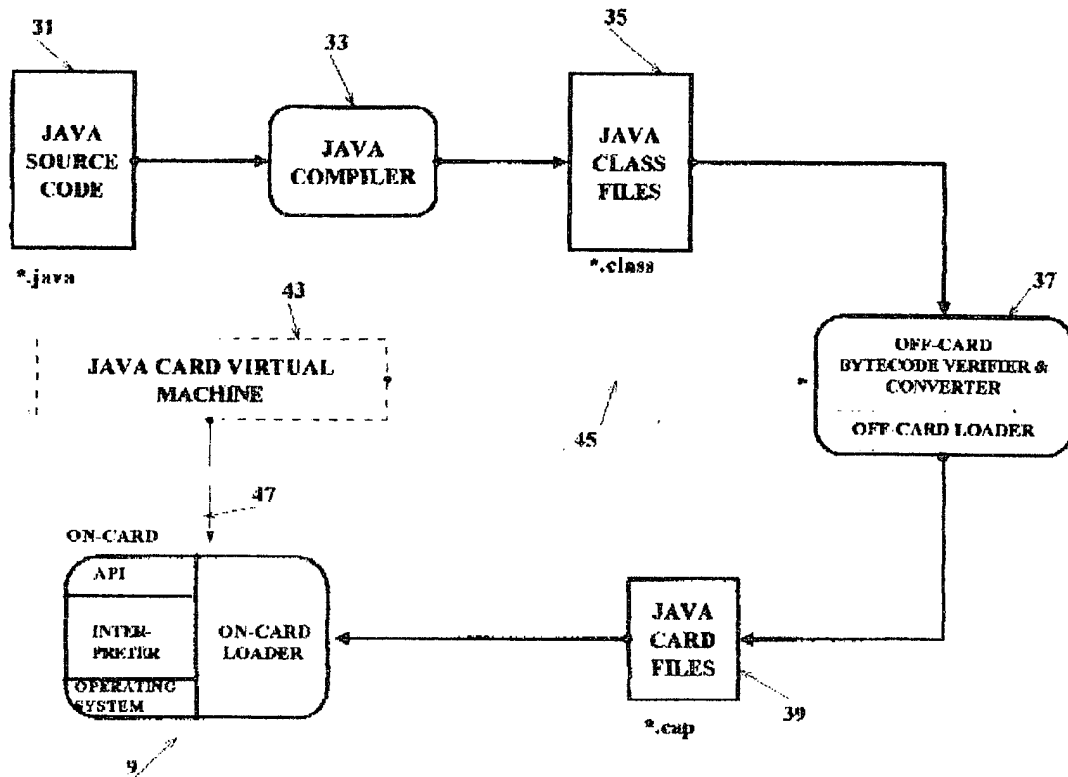
javacard.framework —————> ISO 7816-3/4 CLASSES FOR HANDLING
COMMAND & RESPONSE APDU'S

javacardx.framework —————> ISO 7816-4 COMPATIBLE FILE SYSTEM

SYNOPTIC VIEW OF JAVA CARD ARCHITECTURE (PRIOR ART)

FIGURE 2

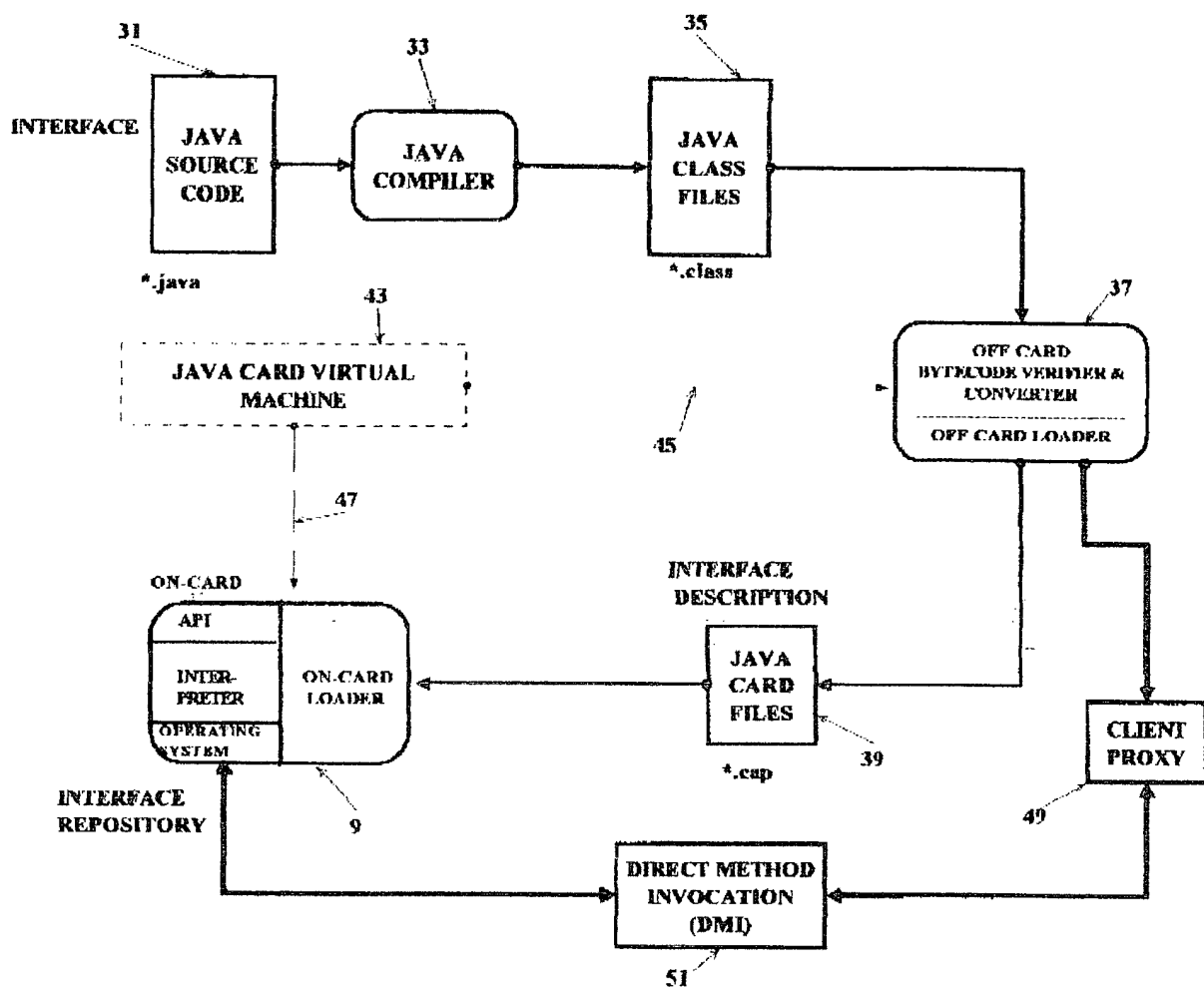
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STRUCTURING OF A JAVA CARD VIRTUAL MACHINE (PRIOR ART)

FIGURE 3A

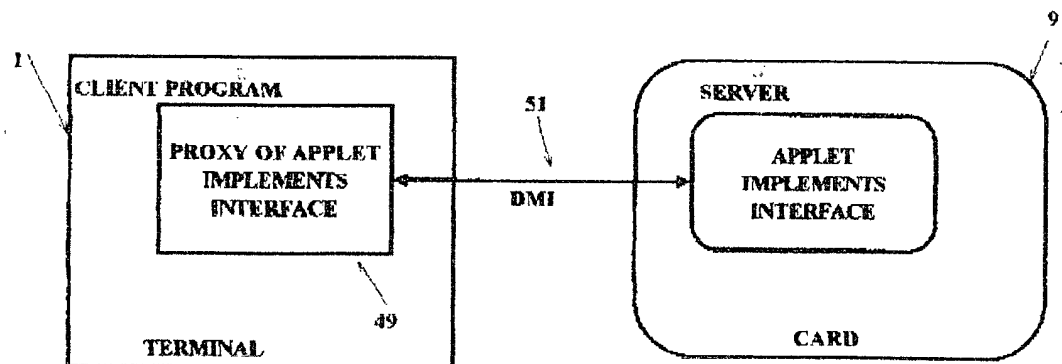
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JAVA CARD VIRTUAL MACHINE
WITH INTERFACE, PROXY, AND
DMI CONSTRUCTS

FIGURE 3B

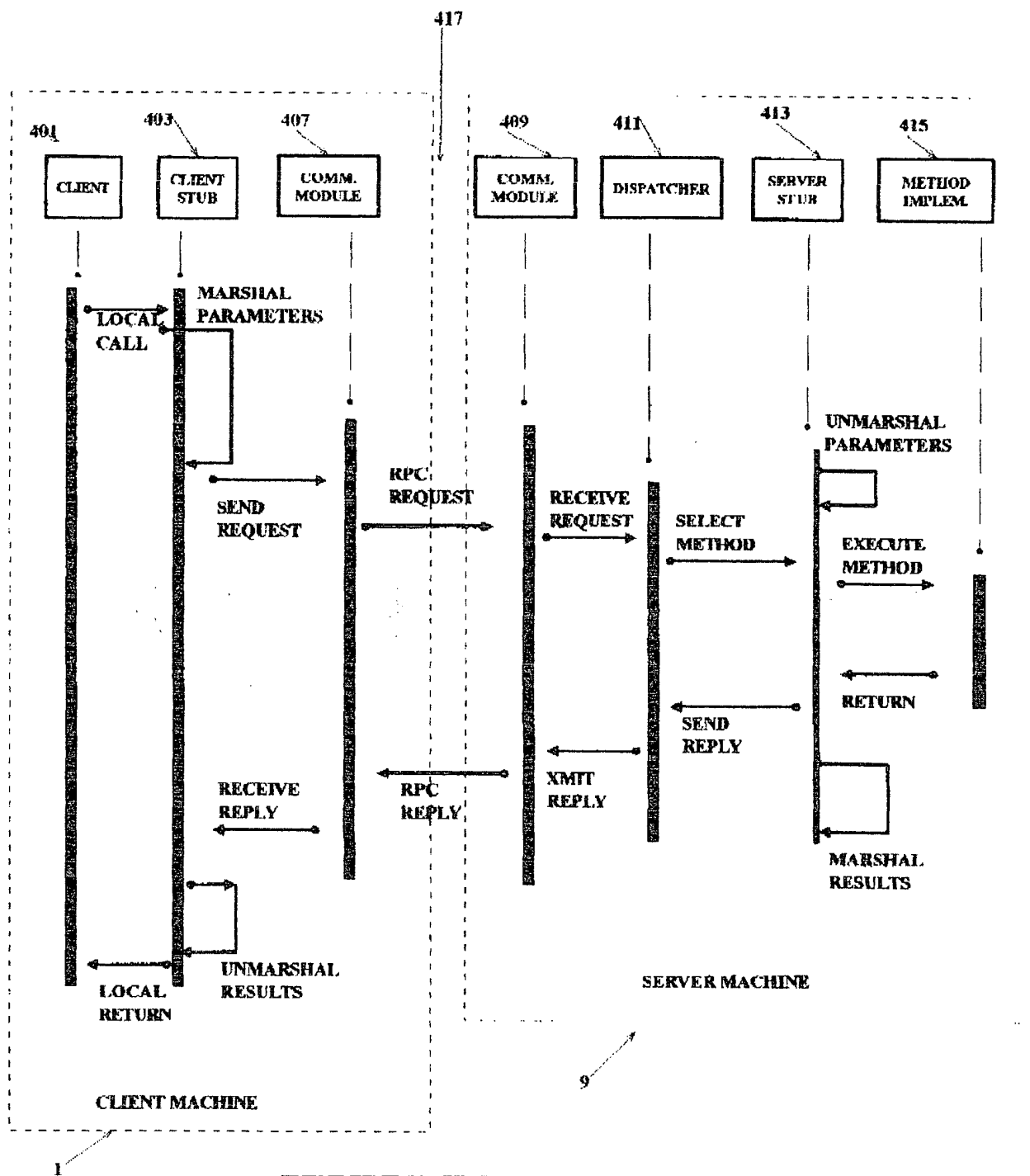
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SYNOPTIC VIEW OF APPLET & PROXY IN CLIENT SERVER RELATIONSHIP

FIGURE 3C

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EVENT TIME DIAGRAM FOR REMOTE PROCEDURE CALL (RPC) (PRIOR ART)

FIGURE 4

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